

Sub
B1

61

1. (Amended) Differential for a motor vehicle with a bevel-pinion shaft (5) which is supported in a drive housing (1) by two spaced and axially pretensioned angular contact ball bearings and which, through a bevel pinion (4) and a ring gear (6), drives a differential unit (2) mounted in the drive housing (1), axle shafts (9) being supported in the differential unit (2) which are operationally connected with each other via output gears (8) and differential gears (7), wherein the angular-contact ball bearings are unilaterally loadable double-row tandem angular-contact ball bearings (16,17) which each include a one piece inner bearing race (18) and a one piece outer bearing race (19) and which face each other in an O-arrangement, and the first tandem angular-contact ball bearing (16) positioned next to the bevel pinion (4) of the bevel-pinion shaft (5) is larger than the second bearing (17).

2. (Amended) Differential according to Claim 1, wherein the races of the bearings (16,17) have a different diameter.

3. (Amended) Differential according to Claim 1, wherein the races of the bearings (16,17) have a different pressure angle.

Applicant: Jacob et al.
Application No.: 09/763,980

ad 4. (Amended) Differential according to Claim 1, wherein the bearing balls (22,23) of both races of the bearings (16,17) are guided in cages (24) and have a different diameter.

ad 6. (Amended) Differential according to Claim 1, wherein the inner ring (18) of the second double-row tandem angular-contact ball bearing (17) is supported in an axial direction against a deformable sleeve (25).

REMARKS

Claims 1-4 and 6 are currently pending in this application, as amended. By this amendment, claims 1-4 and 6 have been amended, and claim 5 has been cancelled. A Proposed Drawing Amendment has also been submitted in order to add the legend "Prior Art" to Figure 1. No new matter has been introduced into the application by these amendments.

In the Action, the drawings were objected to since Figure 1 is not identified as "Prior Art". A Proposed Drawing Amendment has been submitted concurrently herewith in order to add the required "Prior Art" legend. Accordingly, withdrawal of the objection to the drawings is respectfully requested.